

CHAPTER 8B

WOOD DOORS AND FRAMES

8B-01. SUBMITTALS

a. Shop Drawings

(1) Check for the door schedule which should include location, dimensions, and a full description of door type with required marked identification.

(2) All of the different type door elevations and specials, including weather stripping and thresholds, must be a hewn.

(3) Show wood blocks as required for locks, louvers, etc.

b. Certificates

(1) Certificates of compliance are required for doors which do not bare identifying marks.

(2) This requirement includes cold storage doors and frames.

(3) Check for certification requirements for the wood overhead doors.

8B-02. MATERIALS

a. General

(1) Standards of the National Woodwork Manufacturers Association (NWMA) are used for the specific requirements of wood door quality. You must have the applicable publications to adequately check the doors upon arrival.

(2) Check for identifying marks required.

(3) Check condition, including factory finish or prime coat. Are edges sealed?

(4) Is wood species and grade as required?

b. Exterior Doors (TYPE I)

(1) Check for water-repellent preservative treatment.

(2) Are flush doors solid wood block core?

(3) Is glue bond exterior type and will it withstand the NWMA bond test?

c. Interior Doors (TYPE II)

(1) Is adhesive used with natural finish doors of the nonstaining variety?

(2) Panel or flush type?

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d. Defects and Warp

- (1) Check quality of doors against the table of characteristics in the NWMA standard.
- (2) Reject doors of inferior quality.
- (3) Warp shall not exceed 1/4-inch for standard size doors. Check NWMA applicable standard.

e. Storage

- (1) After initial check for quality and fit protect doors from damage and extremes in temperature and humidity.
- (2) Stash doors upright to avoid damaging face finish.

8B-03. INSTALLATION

a. Rough Opening

- (1) Observe limits so that dimensions do not exceed those for framed openings by more than specified amounts.
- (2) Check anchorage of rough buck. Is treated wood required? Are cut edges sealed?

b. Framed Openings

- (1) Check for blocking as required.
- (2) Plumb?

c. Fitting and Hanging

- (1) Are required clearances provided? Usual clearances required are:

Head	1/8-inch
Sides	1/8-inch
Bottom	1/2-inch
	(1/4-inch over thresholds)

- (2) Is lock edge of door beveled?
- (3) Be sure that cut edges of doors are resealed.
- (4) Check weather stripping on exterior doors. Surface mounted is best type as it is adjustable but spring type may still be required at heads and jambs.
- (5) Check weather stripping for anchorage, compatible fasteners and proper adjustment.
- (6) Check hardware chapter for special type thresholds.
- (7) Check butts for size and shape.